

20010506.qrp v02_n181.qrl.20010506

Date: Sun, 6 May 2001 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2181

QRP-L Digest 2181

Topics covered in this issue include:

- 1) [97738] WTB:SW-30+
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 2) [97739] HB - free noise available
by n5ib@juno.com
- 3) [97740] Re: Flying Pigs QSO Party
by Jeff Stai WK6I <jstai@home.com>
- 4) [97741] HB - no more noise - maybe this is not a bad thing...
by n5ib@juno.com
- 5) [97742] Re: Portable Vertical Ant
by Bruce Muscolino <w6toy@erols.com>
- 6) [97743] AL7FS at KL7Y 0250Z
by Dan Robbins <kl7y@alaska.net>
- 7) [97744] AL7FS at KL7Y 0320Z
by Dan Robbins <kl7y@alaska.net>
- 8) [97745] Quest for Backpackable Wire Tuner
by "Sam Billingsley" <sambillingsley@earthlink.net>
- 9) [97746] AL7FS at KL7Y 0525Z
by Dan Robbins <kl7y@alaska.net>
- 10) [97747] AL7FS at KL7Y 0555Z
by Dan Robbins <kl7y@alaska.net>
- 11) [97748] MH 101 - Matching Xtals
by "blinn" <blinn@smgazette.com>
- 12) [97749] AL7FS at KL7Y closing up for the night
by Dan Robbins <kl7y@alaska.net>
- 13) [97750] Re: the \$2 gallon
by w6ors@juno.com
- 14) [97751] WA3WSJ on AT Today
by "Ron Polityka" <wb3aal@fast.net>
- 15) [97752] Re: AL7FS at KL7Y closing up for the night
by "Karl F. Larsen" <k5di@zianet.com>
- 16) [97753] 20M in good shape today!
by "N7SG K7FD" <k7fd@hotmail.com>
- 17) [97754] Re: batteries.....again
by Mike <mmorrow@companet.net>
- 18) [97755] Reminder for the MAY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 19) [97756] QRPatio QRPedition today!

- by "N7SG K7FD" <k7fd@hotmail.com>
- 20) [97757] FOX - Pesky Texan (??) Hunt
by "N1LN" <n1ln@earthlink.net>
- 21) [97758] Parts Needed To Build QRP Rig
by Tom & Roxanne <zikot@erie.net>
- 22) [97759] WA3WSJ on AT now
by "Ron Polityka" <wb3aal@fast.net>
- 23) [97760] FS/Trade: DSW-40
by Richard Arland <rarland@earthlink.net>
- 24) [97761] Re: batteries.....again
by Dave Fouchey <dafouchey@home.com>
- 25) [97762] Server
by "Michael Todd" <hamike@earthlink.net>
- 26) [97763] Re: Server
by "Chris" <w4yyz@tampabay.rr.com>
- 27) [97764] Free parts
by "Ed Tanton" <n4xy@att.net>
- 28) [97765] Bees n' Bugs: Patio Outing Still a Success!
by "N7SG K7FD" <k7fd@hotmail.com>
- 29) [97766] 6 meter radio control
by Mighty Mik <mightymik2@home.com>
- 30) [97767] QRP: Solar power
by Bruce Rattray <rattray@gpfn.sk.ca>
- 31) [97768] 6 meter R/C...
by Mighty Mik <mightymik2@home.com>
- 32) [97769] Palm Radio Mini-Paddle
by Johannes Hiller <HANNES@ulmnetz.de>
- 33) [97770] Re: Solar power
by "Joe Spencer" <kk5na@quadj.com>
- 34) [97771] Re: 6 meter R/C...
by "George, W5YR" <w5yr@att.net>

Date: Sat, 5 May 2001 20:03:18 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [97738] WTB:SW-30+
Message-ID: <200105052003_MC2-CFFE-46B5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Looking for a pristine SW-30+ rig. Must be in stock case and have RIT. =

If
you have one you would part with, please let me know. Thanks.

72,
--Doc/K0EVZ

Date: Sat, 05 May 2001 20:09:46 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [97739] HB - free noise available
Message-ID: <20010506.190840.7511.7.n5ib@juno.com>

Hi gang,

We just finished the Baton Rouge hamfest, where I did a demo and hands-on activity of Manhattan building, using Tom's (N SS) noise generator circuit as the vehicle. I was plesed to see a dad and son team build one successfully.
See <<http://home.earthlink.net/~n0ss/>> for circuit details.

I have 10 kits left over. They include all the components needed to build the basic circuit Manhattan style, including a small rectangle of PC board stock for the substrate and a dozen round, pre-tinned pads. You supply a battery, switch, and a level control pot if you want one. I'll even include a copy of my layout and Tom's write up..... He did give his permission :^))

Yours for only a SASE with two first-class stamps on it. One to a requestor. First come first served. E-mail your request and I'll respond with a list of the lucky winners and instructions to mail the SASE.

72,
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 05 May 2001 17:21:02 -0700
From: Jeff Stai WK6I <jstai@home.com>
To: k5zty@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97740] Re: Flying Pigs QSO Party
Message-ID: <3AF498EE.FDB2F72@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi Bill - glad you had fun - you were the only station I copied during the test, and for whatever reason you couldn't copy me. I was trying to stick with the less than 1 watt class, which was probably why! Hopefully catch you next time! - jeff wk6i

Bill Stietenroth wrote:

>
> Howdy to all the hardy ones.
>
> Man, the sun has turned against us. Looks like the same bad conditions
> as last
> weekend. I was talking to Rich, W2VT, right before the start of the
> contest and it seemed like all was well. It started with a bang on 15
> meters for about 20 minutes
> then went to pot. I made 34 Qs in the 4 hours and some of them were
> tough.
> Thanks to W8PIG for staying in there as a beacon or I would have thought
> my
> receiver was broken at some points.
> Fun contest. I like contests with bonus stations. Hope it survives and
> happens again next year.
>
> 72,
> Bill, K5ZTY
> Houston, TX

--

jeff stai
radio stuff: WK6I in DM13
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.
email: jstai@home.com or wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>
LDRS web page: <http://www.ldr20.org/>

Date: Sat, 05 May 2001 22:02:44 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [97741] HB - no more noise - maybe this is not a bad thing...

Message-ID: <20010506.210136.7511.9.n5ib@juno.com>

And the ten lucky new builders of Manhattan style NOSS noise generators are:

NW7DX, NN6CW, K8PZ, AA3WI, N2EDF, N9WW, W9WIS, KB4CUQ, KD3PC, W7AVK

Wish I had more, but we built the rest here at the club.

Just send me a regular sized SASE with two 34 cent stamps on it, and your name, call, and address ****clearly**** inscribed thereon, and out the door it will go - to be hand delivered direct to your domicile by a uniformed representative of the Government of the United States of America.

Jim Giammanco, N5IB
9451 Corsica Avenue
Baton Rouge LA 70810-1134

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 05 May 2001 22:09:33 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ogbc@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [97742] Re: Portable Vertical Ant
Message-ID: <3AF4B25D.FB4A0192@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken,

Any mobile whip will be at best a compromise. There are many varieties out there from hamsticks to Hustlers. Depending on frequency and the mounting surface they will all give a reasonable accounting of them selves, but not as good as a full size real antenna. If the mounting point is on fiberglass, like on a Corvette, or on my old VW Vanagon Pop Top, a radial will definitely help out. On the VW I ran a single radial back along the inside of the pop top hoping to couple into the metal body. Apparently it worked as evidenced by

contacts with VK5 while mobile on the way to Las Vegas! I was using a Uniden 2510 on 10 meters SSB!

73

Date: Sat, 05 May 2001 18:51:46 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [97743] AL7FS at KL7Y 0250Z
Message-ID: <3AF43DB2.BD05894B@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am making some noise on 10.116.49 (49th State) for a little while. No takers so far although I am hearing Russia.

73, Jim, AL7FS

Date: Sat, 05 May 2001 19:23:22 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l@lehigh.edu
Subject: [97744] AL7FS at KL7Y 0320Z
Message-ID: <3AF4451A.A4EF2A84@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Called CQ for 35 minutes ending 0320Z. No takers and I am only hear a YU and UX station. Dan and I are going out to eat and I will try again in a bit over an hour.

Sunset here is about 0615Z so maybe as we approach that something may happen.

73, Jim, AL7FS

Date: Sun, 6 May 2001 00:17:56 -0400
From: "Sam Billingsley" <sambillingsley@earthlink.net>

To: "klqrp" <Klqrp@knightlites.org>, "_NOGAQRP_reflector" <nogaqrp@qth.net>,
"_NOGATECH" <nogatech@topica.com>, <QRP-L@Lehigh.EDU>
Subject: [97745] Quest for Backpackable Wire Tuner
Message-ID: <014501c0d5e3\$88fc4320\$56522042@sbillingsley>

Check out my short article and pictures regarding a new homebrew L -Tuner
for backpacking.

<http://www.qsl.net/ae4gx/ATLTuner.htm>

Sam AE4GX

Date: Sat, 05 May 2001 21:28:33 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [97746] AL7FS at KL7Y 0525Z
Message-ID: <3AF46271.6081A33A@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, back from dinner. I will go see if the bands have come back since
the absorption event (or whatever) of earlier today.

I will be around 10.116 plus or minus and will call CQ for a while.

73, Jim

Date: Sat, 05 May 2001 21:57:15 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [97747] AL7FS at KL7Y 0555Z
Message-ID: <3AF4692B.DF5F86F5@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am heading up to 40 meters. Maybe later I might even tune around on
80 meters. On 30 meters I finally worked VE7 on Vancouver Island. At
least I made it about 1350 miles. He took over my frequency. <sigh>

73, Jim

Date: Sat, 5 May 2001 22:46:10 -0700
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [97748] MH 101 - Matching Xtals
Message-ID: <01d501c0d5ef\$dd11b880\$d5b8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Xtal Matching - MH 101 Project

The measuring routine. First I'd plug in Xtal One and time it for two minutes, then chart the frequency readout from my Heathkit IM 4100. Then I'd plug in Xtal Two and time it for two minutes, and so on.

The chart below shows measurements made from two crystals to determine repeatability of the two oscillators. The two crystals were previously matched by Don Wilhelm. He shows them to be oscillating at the same frequency. So, I'm wondering if my matching set-up is flawed? (There is a discrepancy in the net difference between the tests done with the 7404 and the Transistor Oscillator of about 30 cycles. The transistor oscillator shows the frequency difference between crystal one and two to be 24 cycles. The difference of the 7404 is 54 cycles.)

7404 Oscillator		Transistor Oscillator	
Xtal One	Xtal Two	Xtal One	Xtal Two
908	853	478	453
909	854	476	452
909	856	476	452
908	854	476	452
908	854	475	452
907	853	476	452
906	854	476	452
906	851	476	452
905	852	476	453
903	848	476	452

The 7404 Oscillator is extremely sensitive to external capacitance so the

position nearby objects must not change during the test sequence and the position of oscillator board must not be disturbed during the measurement period. Bringing my hand within six inches of the oscillator board causes a downward shift in frequency of several hz, for instance. Also, this circuit seemed to be moderately affected by the temperature of the room. During the test with the 7404 the room temp dropped by, perhaps, 5 degrees on the tail end because someone opened the door between the utility room to the garage several times. (My bench is in the utility room which is adjacent to the garage.)

Now, the Transistor Oscillator appears to be very stable and the measurements were certainly "repeatable". Fifteen seconds into the two minute period would bring the frequency readout within one or two cycles of the final reading at the end of the two minute period. The crystals were the same two used in the 7404 readings.

Now, if someone can explain why the frequency spread between the two crystals is different from one oscillator to the other, I'll perhaps feel a bit more confident of my measurement or know to start over with a different scheme.

Pictures:

Transistor Crystal Oscillator -

http://members.tripod.com/Bill_Linn/XtalOscOne.JPG

7404 Crystal Oscillator - http://members.tripod.com/Bill_Linn/XtalOscTwo.JPG

A makeshift crystal socket from an IC socket -

http://members.tripod.com/Bill_Linn/XtalSocket.jpg

The old reliable Heath Frequency Counter - IM 4100 -

http://members.tripod.com/Bill_Linn/FreqCounterIM4100.jpg

Regards

Bill - WA7TQK

--

Date: Sat, 05 May 2001 22:12:31 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [97749] AL7FS at KL7Y closing up for the night
Message-ID: <3AF46CBF.75DB23BA@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I still have an hour drive back to home so I am wrapping it up tonight at 10:15PM local.. Summary? Not good. That's ok...I had fun trying. I will have to try again later.

Thanks for any of you that were unhearable due to propagation and absorption and solar flares and and and. :-)

Take care.

73, Jim, AL7FS

Date: Sat, 5 May 2001 22:43:15 -0500
From: w6ors@juno.com
To: qrp-l@Lehigh.EDU
Subject: [97750] Re: the \$2 gallon
Message-ID: <20010506.002134.-3728931.1.w6ors@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah...especially since we have been paying OVER \$2.00/gal here on the Big Island in Hawaii for quite some time.
Corky W6ORS
Hilo HI

On Fri, 4 May 2001 11:47:13 -0400 "Robert C. Shelton, Jr" <rsc@goes.com> writes:
> How about we drop the cost of gas and stick to QRP? There's enough
> to
> delete.
>
>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 6 May 2001 06:49:32 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [97751] WA3WSJ on AT Today

Message-ID: <004101c0d61a\$3e7dcee0\$86065cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello, I am posting this for Ed, WA3WSJ.

Please read below!

=====

Hi all,

My AT trip today is a shake-down hike. I'm trying out a new backpack that I'll be using for my White Mtns. AT Trip in July. This is my 2nd hike of the season as I need to get in better shape for the Mt. Washington Summit Trip. I looked on the map last night and todays hike will be about five miles north of Rt.183 to the Eagles Nest Shelter. I'll set up there to operate. Here's the plan:

9am: start hike Rt.183
11:30am: Arrive Eagles Nest
Noon: Operate 40m
1pm: Operate 20m
2pm: Hike back to Rt.183
4:30pm: arrive Rt.183

Hope to work you from the trail!

72,

Ed, WA3WSJ

Date: Sun, 6 May 2001 06:17:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dan Robbins <kl7y@alaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [97752] Re: AL7FS at KL7Y closing up for the night
Message-ID: <Pine.LNX.4.33.0105060615420.1083-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Boy isn't it fun to plan an event during the sunspot maximum? I think we should call it the sunspot DEAD!

On Sat, 5 May 2001, Dan Robbins wrote:

> I still have an hour drive back to home so I am wrapping it up tonight
> at 10:15PM local.. Summary? Not good. That's ok...I had fun
> trying. I will have to try again later.
>
> Thanks for any of you that were unhearable due to propagation and
> absorption and solar flares and and and. :-)
>
> Take care.
>
> 73, Jim, AL7FS
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 06 May 2001 07:21:20 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [97753] 20M in good shape today!
Message-ID: <F148oz5B18LgFuoe5ci000013da@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

20m is open for business today! Have had nice qso's w/ K2VB, WA8NTA, and
NOUR so far...

73 John K7FD, K2 & K1 back n' forth, forth n' back...

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 06 May 2001 09:41:45 -0500
From: Mike <mmorrow@companet.net>
To: Firefox@Southwind.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97754] Re: batteries.....again
Message-ID: <3AF562A9.35A2@companet.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randall wrote:

> Been thinking of gettin a small garden tractor type battery for
> portable use with an IC706. <snip> Would a deep cycle be better
> than a standard low maint. battery ?

Without ANY doubt, get a deep cycle battery. Small 34 amp-hour deep cycle lead acid batteries are readily available at places like Wal-Mart for about \$35 (cheap, compared to a HT battery).

Normal non-deep cycle batteries use a plate design that is optimum for delivering a lot of starting amps for a short period of time, but not for deep-cycling. Deep cycling a non-deep cycle battery will greatly shorten its life.

I've been using small lead-acid batteries for 25 years on fixed-site camping trips. The 34 amp-hour batteries are pretty good for a short outing (less than two days) when using a Japanese rig. But you will be surprised at how soon you will run down these batteries with just the typical 1-amp receive current draw and a little transmitting (even at QRP levels) with a Japanese rig. Complicating this is the fact that many of the Japanese mobile rigs begin to behave badly when the applied voltage drops much below 12 vdc. Most Japanese rigs are rated for 13.8 vdc, +/- 15%. This means the specified low end voltage is 11.73 vdc. Your battery will still have a fair amount of capacity left at that value, but your radio may not like voltages below that. I had a TS-430S whose bandswitching relays began to function erratically at 11.5 volts. Thus, you will likely need to recharge *well* before the rated capacity has been drawn.

For several days of use of my TS-50S (100 watts output max) at a fixed camp site, I use a 210 amp-hour battery. The voltage stays adequate the entire time even with heavy radio use. That battery IS heavy, but it still beats the electric generator my dad had to use on camp trips to power the vacuum tube Drake gear 40 years ago.

73,

Mike / KK5F

Date: Sun, 06 May 2001 08:10:46 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>

Subject: [97755] Reminder for the MAY SPARTAN SPRINT
Message-ID: <B71AB784.7FF3%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The May Spartan Sprint will be held on Monday, May 7, 2001 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and finish at 0300, Tuesday.
2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+- . (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."
5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound. For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station. You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us

your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Sun, 06 May 2001 09:08:18 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [97756] QRPatio QRPedition today!
Message-ID: <F226h8s4KWiGtXsL1c0000013dd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It's gotta be the nicest day on the Oregon Coast so far this year...so I'm heading out for a patio qrp'edition later this morning...keep your ears peeled for K7FD/P...for Patio portable! I'll be hiking in 3 miles on my treadmill then stepping off onto the redwood deck for some qrp fun. Rigs will be everything I can haul outside and stack on the table. I'll be keeping my strength up w/ Diet Pepsi and MM's (my kind of trailmix!)

Plans are to run a cable over to the tower and hook up to the quad...wouldn't wanna make things too rough on myself... ;)

So all points east, please be on the look out for me on 14.060+-...I should be in full swing by 1700Z or so...now, where's my suntan lotion...

73 John K7FD/P

PS. I'll take a phew photo's phor posting later!

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 6 May 2001 11:19:48 -0500
From: "N1LN" <n1ln@earthlink.net>
To: <grp-1@Lehigh.EDU>
Cc: "Zed - K5ZTY" <k5zty@juno.com>, "W5MJ" <w5mj@houston.rr.com>, "W5HNS - Henry" <w5hns@aol.com>, "Tom - N5TW" <n5tw@igg-tx.net>, "Paul - W5PF" <w5pf@arrl.net>, "OJ - K10J" <k1oj@ditdit.com>, "N5ET - Bob" <n5et@arrl.net>, "K5NZ" <k5nz@aol.com>, "George - W5YR" <w5yr@att.net>,
Subject: [97757] FOX - Pesky Texan (??) Hunt
Message-ID: <001d01c0d648\$61f7e800\$65d6fea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This is an update memo regarding the upcoming Pesky Texan "??" Hunt.

THE EVENT WILL BE HELD ON:

Date / Time:

UTC: June 13, 2001 @ 01:30 - 03:30 UTC

CDT: June 12, 2001 @ 20:30 - 22:30 CDT

Frequency: 40 Meters - 7.035 - 7.055 (perhaps a bit higher and lower)

PLEASE NOTE THE STARTING TIME. IT HAS BEEN MOVED BY 1/2 HOUR IN AN ATTEMPT TO ALLOW THE WEST COAST A BETTER OPPORTUNITY FOR SOME 40 METER PROPAGATION.

At this time I am not sure exactly what the name of the event will be. I have been asked by the "Official Fox Hunt Committee" to call it something other than a Fox Hunt "to avoid any confusion as to what is a Foxhunt and what is not". Well, that confused me. If my memory is correct (and it may not be) the term "FOX

HUNT"

comes from the Hams that operate on VHF/UHF and use direction finding equipment to locate hidden transmitters.

Anyway.....the only difference is what picture will be on the Plaque... and how the Targets (Fox or Armadillos???) call CQ... CQ - FOX or CQ-ARM.

So far I have 19 confirmed "Targets". The call signs will be sent out prior to the event so the 'hounds' will know when they have a clean sweep.

HOUND Scoring:

The Hounds that work all Pesky Texans qualify for the official WORKED ALL PESKY TEXANS certificate.

To receive the certificate, hounds must send logs and \$1.00 to an address to be provided.

Hounds that send in their logs with more than 15 contacts logged and \$1.00 will receive an official Participation Certificate.

NOTE: Only the list of OFFICIAL Pesky Texan Calls will qualify for the Worked All Pesky Texans certificates.

Keep the evening of June 12 - 20:30 CDT to 22:30 CDT open. It will be lots of fun.

72 - Bruce / N1LN

Date: Sun, 06 May 2001 12:21:37 -0400
From: Tom & Roxanne <zikot@erie.net>
To: QRPL <qrp-1@Lehigh.EDU>
Subject: [97758] Parts Needed To Build QRP Rig
Message-ID: <5.0.2.1.0.20010506121207.00a00cc0@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone have the following parts lying around that would be willing to sell or trade for:

20pf variable cap - small type with a 1/4" shaft, i.e. Hammerlund or Johnson.

28Mhz fundamental Xtal for any frequency between 28.010 - 28.110.

FT37-43 Toroid - Need two.

Tom & Roxanne

Date: Sun, 6 May 2001 13:30:01 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [97759] WA3WSJ on AT now
Message-ID: <000901c0d652\$30d80660\$3b745fcc@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked Ed on 7041.2 at 17:29 UTC

He is going to leave soon so go work him.

72 & 73
Ron de WB3AAL
www.n3epa.org

Date: Sun, 06 May 2001 13:42:24 -0400
From: Richard Arland <rarland@earthlink.net>
To: Appalachian Trail <atrail-l@lehigh.edu>, Eastern PA QRP Club <epaqrp-l@lehigh.edu>, QRP List <qrp-l@lehigh.edu>
Subject: [97760] FS/Trade: DSW-40
Message-ID: <3AF58D00.78423013@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a built and working Small Wonder DSW-40 that is currently not being used. I'd like to trade this for one of the following rigs:

1. Wilderness Radio SST-40 OR,
2. Wilderness Radio SST-20 OR,

3. Wilderness Radio SST-30

(in that order of precedence.)

Will consider other small rigs but the SST is the one I am really after. SST kit can be unbuilt or built, however if built, it MUST work and not have any mods.

73 Rich K7SZ

Date: Sun, 06 May 2001 13:48:50 -0400
From: Dave Fouchey <dafouchey@home.com>
To: mmorrow@companet.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [97761] Re: batteries.....again
Message-ID: <4.1.20010506134505.009521b0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It isn't just the Japanese Radios some of the Motorola radios do the same thing and since we use them for operations requiring battery back up we have a nifty little regulated supply that takes anything from 11-18 VDC in and regulates it to 13.8 VDC out, sufficient current handling capacity to support a 40 watt rig. If anyone is interested I can get the info on it tomorrow when I go into the office. Wouldn't want to back pack the beast since it weighs about as much as the motorcycle battery but for a long weekend camping trip it might prove useful.

Dave
WA4EMR/8

At 09:41 AM 5/6/2001 -0500, Mike wrote:

>Randall wrote:

>

>> Been thinking of gettin a small garden tractor type battery for
>> portable use with an IC706. <snip> Would a deep cycle be better
>> than a standard low maint. battery ?

>

>Without ANY doubt, get a deep cycle battery. Small 34 amp-hour deep
>cycle lead acid batteries are readily available at places like Wal-Mart
>for about \$35 (cheap, compared to a HT battery).

>

>Normal non-deep cycle batteries use a plate design that is optimum for
>delivering a lot of starting amps for a short period of time, but not
>for deep-cycling. Deep cycling a non-deep cycle battery will greatly
>shorten its life.

>

>I've been using small lead-acid batteries for 25 years on fixed-site
>camping trips. The 34 amp-hour batteries are pretty good for a short
>outing (less than two days) when using a Japanese rig. But you will be
>surprised at how soon you will run down these batteries with just the
>typical 1-amp receive current draw and a little transmitting (even at
>QRP levels) with a Japanese rig. Complicating this is the fact that
>many of the Japanese mobile rigs begin to behave badly when the applied
>voltage drops much below 12 vdc. Most Japanese rigs are rated for 13.8
>vdc, +/- 15%. This means the specified low end voltage is 11.73 vdc.
>Your battery will still have a fair amount of capacity left at that
>value, but your radio may not like voltages below that. I had a TS-430S
>whose bandswitching relays began to function erratically at 11.5 volts.
>Thus, you will likely need to recharge *well* before the rated capacity
>has been drawn.

>

>For several days of use of my TS-50S (100 watts output max) at a fixed
>camp site, I use a 210 amp-hour battery. The voltage stays adequate the
>entire time even with heavy radio use. That battery IS heavy, but it
>still beats the electric generator my dad had to use on camp trips to
>power the vacuum tube Drake gear 40 years ago.

>

>73,

> Mike / KK5F

Date: Sun, 6 May 2001 11:13:49 -0700
From: "Michael Todd" <hamike@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [97762] Server
Message-ID: <000701c0d658\$4da06fc0\$857c1d26@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is to test Earthlink as a new server

W9UQB/7 Mike

Date: Sun, 6 May 2001 14:37:56 -0400
From: "Chris" <w4yyz@tampabay.rr.com>
To: <hamike@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [97763] Re: Server
Message-ID: <00ca01c0d65b\$ab507a40\$c04f2041@blitzk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re: Earthlink

<http://news.cnet.com/news/0-1005-200-5804116.html>

----- Original Message -----

From: "Michael Todd" <hamike@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, May 06, 2001 2:13 PM
Subject: Server

> This is to test Earthlink as a new server
>
> W9UQB/7 Mike
>
>

Date: Sun, 6 May 2001 15:14:50 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Homebrew Reflector" <homebrew@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [97764] Free parts
Message-ID: <CKEGICNFDIMCEKEDCEHFOEJPHAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have acquired a quantity of T0-92 sensitive-gate thyristors (SCRs.) At this time, I don't know the voltage rating, but plan to check them out on my curve tracer soon. Most of them are labeled "GE57" but I don't think that means a lot. Anyone wanting some can have all you want-I probably have several thousand or so. Anyone knowing of any interesting applications (besides lamp dimmers/etc.) for them might pass it along.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

R-390: Motorola SN: 374;
R-390-A: Capehart SN: 2241
51S-1 WE SN: 4389
HRO-50; HRO-60; & HRO-500
SP600-VLF SP600-JX-17 SP-600-JX-21

Date: Sun, 06 May 2001 12:51:18 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [97765] Bees n' Bugs: Patio Outing Still a Success!
Message-ID: <F4reBBsQwY6YHkidcDj00001ab8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I forgot the bee's and bugs would also be out enjoying the sun today...but nonetheless, a ton of fun was had running qrp from the back porch today. I ended up playing about two hours and then broke for lunch (ran low on M&M's)...

...and just for grins, here's a couple of photos from today's Patio Portable operation: <http://www.teleport.com/~cqdx/patio.htm>

Thanks to all who answered my CQ's...

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 06 May 2001 13:13:30 -0700
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [97766] 6 meter radio control
Message-ID: <5.0.2.1.0.20010506131135.00a18510@mail>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone bought a 53 MHz system lately? I'd be interested in what was bought and where. Tx only is an option as well. FM is the mode.

Date: Sun, 6 May 2001 14:34:38 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [97767] QRP: Solar power
Message-ID: <Pine.LNX.4.33.0105061403270.27617-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was expecting that maybe 6 or so hams would be interested in this little project....would you believe we're up to about 33 hams so far?...<grin>
...I'm giving it a few more days until we begin our exchange of information...meantime, here's a list of those amateurs who have responded and it looks like we 2/3 who are experienced in this subject...so we'll probably achieve the primary aim of being able to "power up" our qrp rigs with solar power...so here is the list in no particular order....

Mike - KI7FQ	Rick - VE7RY	Ted - VE3FUL	John - VE7CFG
Me1 - G0GQX	Rich - KB8A0B	Bob - WA2EAW	Karl - K5DI
John - VE7NI	John - N7ZN	KI0ND - David	Alan - 8P9BM/V31FA
Ron - VE3SP	Mike - WB5YJX	Robert - VE2WBW	James - KK6MC/5
Terry Myers-call?	Dick - K2JQ	John - VA7N0	Fred - VE3CLS
Dave Dabay-call?	Alan - N3BJ	Seab - AA1MY	Ted - KB9RPD
Larry - WD3P	Bob - K7RRW	Jim - VE6JWA	Slater - VE50A
Gary - N0SXX	Mike - KK5F	Ron - WB3AAL	Barry - WB6LDL

....now if I've missed anyone, (we have 33 so far) please let me know.... everyone is welcome to join in this learning/experimenting group...there are 2/3 in the group who are presently "into" solar power to we have a source of experienced hams...I think the primary aim is to learn the basics of solar power, maybe some will get their solar panels operational, some will "eavesdrop", some might even take notes....Brian Murrey sent an e-mail informing me that the latest issue of BACON BITS has an article on solar panels by WB6JBM so I would suggest we look at that and it's located at:

<http://www.fpqrp.com> and click on Bacon Bits...

.....I will just try to lightly "guide" the group discussion as we all throw in our 2 cents worth....I'll probably try to "summarize" as we go along...that way the group can find out if I've(we've) learned anything

eh!?!...hi hi hi..."summarizing" might be a good way to filter out the wrong stuff from the right stuff.... I'm looking forward to this exchange of knowledge and getting my own 3 small solar panels going....back in a few days folks!....enjoy the weekend....beautiful sunny day here in Regina!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Sun, 06 May 2001 13:38:28 -0700
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [97768] 6 meter R/C...
Message-ID: <5.0.2.1.0.20010506133730.00a1d710@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

looks like 50.xxx is the place to be, as 53.xxx is no longer used?

Date: Sun, 06 May 2001 22:40:58 +0200
From: Johannes Hiller <HANNES@ulmnetz.de>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [97769] Palm Radio Mini-Paddle
Message-ID: <3AF5B6DA.C289A349@ulmnetz.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

this is a short note to inform anybody interested in the Mini-Paddle that we will have them available both at Dayton and at Friedrichshafen, Germany in June.
Pre-orders can be placed to ensure we have the desired color combination available.
We just added some new user pictures to our page recently:

<http://www.ulmnetz.de/HANNES/Keyer.html>

Best greetings from Ulm, Germany

Hannes, DL9SC0

Palm Radio Germany

Date: Sun, 6 May 2001 16:35:20 -0500
From: "Joe Spencer" <kk5na@quadj.com>
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [97770] Re: Solar power
Message-ID: <01fe01c0d674\$748caa60\$6501a8c0@c1552060c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bruce,

I got one message from you on the Solar Group...but i missed getting on the list....

73 joe KK5NA

-----you sent -----
>SUPER Joe.....welcome to our little group...we're now 7 in numbers
>discussion and exchange of basic information...tnx agn!....

>..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 >Zombie#272
> K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10
> "QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

-----and then -----
----- Original Message -----
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, May 06, 2001 3:34 PM
Subject: QRP: Solar power

>
> I was expecting that maybe 6 or so hams would be interested in this little
> project....would you believe we're up to about 33 hams so far?...<grin>
> ...I'm giving it a few more days until we begin our exchange of
> information...meantime, here's a list of those amateurs who have responded
> and it looks like we 2/3 who are experienced in this subject...so we'll
> probably achieve the primary aim of being able to "power up" our qrp rigs
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> K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
> "QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"
>

Date: Sun, 06 May 2001 17:41:00 -0500
From: "George, W5YR" <w5yr@att.net>
To: mightymik2@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97771] Re: 6 meter R/C...
Message-ID: <3AF5D2FC.EB1073A7@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I still fly on 53.2 and I believe that new radios can still be obtained on those frequencies.

-

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Mighty Mik wrote:

>

> looks like 50.xxx is the place to be, as 53.xxx is no longer used?

End of QRP-L Digest 2181
